

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference PALGE04298	FOR FURTHER ACTION See item 4 below	
International application No. PCT/KR2004/002375	International filing date (<i>day/month/year</i>) 16 September 2004 (16.09.2004)	Priority date (<i>day/month/year</i>) 23 October 2003 (23.10.2003)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant LG ELECTRONICS INC.		

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).

2. This REPORT consists of a total of 3 sheets, including this cover sheet.

In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. This report contains indications relating to the following items:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Box No. I | Basis of the report |
| <input type="checkbox"/> Box No. II | Priority |
| <input type="checkbox"/> Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> Box No. VI | Certain documents cited |
| <input type="checkbox"/> Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> Box No. VIII | Certain observations on the international application |

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 740 14 35		Date of issuance of this report 15 May 2006 (15.05.2006)
		Authorized officer <p style="text-align: center;">Philippe Becamel</p> Telephone No. +41 22 338 70 90

PATENT COOPERATION TREATY

REC'D 25 APR 2006

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PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing 12 April 2006 (12.04.2006)
(day/month/year)

Applicant's or agent's file reference
PALGE04298

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/KR 2004/002375

International filing date (day/month/year)
16 September 2004 (16.09.2004)

Priority Date (day/month/year)
23 October 2003 (23.10.2003)

International Patent Classification (IPC) or both national classification and IPC
F24F 1/02 (2006.01)

Applicant

LG ELECTRONICS INC.

1. This opinion contains indications relating to the following items:

- ☒ Cont. No. I Basis of the opinion
☐ Cont. No. II Priority
☐ Cont. No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
☐ Cont. No. IV Lack of unity of invention
☒ Cont. No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
☐ Cont. No. VI Certain documents cited
☐ Cont. No. VII Certain defects in the international application
☐ Cont. No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No. PCT/KR 2004/002375

Continuation No. I

Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed.

Continuation No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims ----	YES
	Claims 1-10	NO
Inventive step (IS)	Claims ----	YES
	Claims 1-10	NO
Industrial applicability (IA)	Claims 1-10	YES
	Claims ----	NO

2. Citations and explanations:

The following documents have been cited in the Search Report:

D1: JP 2002-61599 A (LG ELECTRONICS); 28-02-2002
D2: JP 06-002888 A (SANYO); 11-01-1994
D3: US 2 873 908 A (POWERS); 17-02-1959
D4: US 2 309 224 A (TERRY); 26-01-1943

The present invention does not satisfy the criterion set forth in Article 33 (2) PCT because the subject-matter of Claims 1-10 is not new in respect of the prior art as defined in the regulations (Rule 64 (1) PCT).

Documents D1 and D2 represent several prior art window type air conditioners comprising an indoor and an outdoor part in one case, an outdoor heat exchanger with a shroud and a fan. An orifice is formed on said shroud for covering the axial fan.

In conclusion, claims 1 to 10 can not be considered to be new and involving an inventive step. Industrial applicability is given.
